

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-6 (Cancelled)

7. (Previously Presented) A recombinant vector containing the nucleic acid molecule of claim 16.

8. (Original) The recombinant vector of claim 7 wherein the nucleic acid molecule is operatively linked to regulatory elements allowing transcription and synthesis of a translatable RNA in prokaryotic and/or eukaryotic host cells.

9. (Currently Amended) [[A]] An isolated recombinant host cell which contains a nucleic acid molecule according to claim 16.

10. (Currently Amended) The isolated recombinant host cell of claim 9, which is a mammalian cell, a bacterial cell, an insect cell or a yeast cell.

Claims 11-15 (Cancelled)

16. (Currently Amended) An isolated nucleic acid molecule consisting essentially of

- (a) a nucleic acid sequence encoding the monocyte-chemoattractant-protein-1 (MCP-1), the protein having the biological activity of MCP-1 and encoded by the nucleic acid sequence of SEQ ID NO:13 ~~or an allelic variant thereof~~ or a sequence which is degenerate as a result of the genetic code to SEQ ID NO:13 or a nucleic acid sequence which hybridize hybridizes to the nucleotide sequence of SEQ ID NO:13 under stringent conditions; and
- (b) at least one hypersensitive region, wherein said hypersensitive region is a 5'-DHSR selected from the group consisting of SEQ. ID. NOS: 4, 5, 6 or a 3'-

DHSR selected from the group consisting of SEQ. ID NOs: 1, 2, 3, 8 or the nucleic acid molecule TGATCA .

17. (Cancelled)

18. (Original) The nucleic acid molecule of claim 16, wherein the hypersensitivity sequences (b) contain a binding site for a transcription factor.

19. (Original) The nucleic acid molecule of claim 18, wherein the transcription factor is AP-1, SP1, NF-IL6 or NF-kappa B.

20. (Cancelled)

21. (Previously Presented) The isolated nucleic acid molecule of claim 16, wherein the nucleic acid molecule of (a) has the sequence of SEQ ID NO:13.

22. (New) An isolated nucleic acid molecule consisting of

- (a) a nucleic acid sequence encoding the monocyte-chemoattractant-protein-1 (MCP-1), the protein having the biological activity of MCP-1 encoded by the nucleic acid sequence of SEQ ID NO:13 or an allelic variant thereof or a sequence which is degenerate as a result of the genetic code to SEQ ID NO:13 or a nucleic acid sequence which hybridize to the nucleotide sequence of SEQ ID NO:13 under stringent conditions; and
- (b) at least one hypersensitive region, wherein said hypersensitive region is a 5'- DHSR selected from the group consisting of SEQ. ID. NOs: 4, 5, 6 or a 3'- DHSR selected from the group consisting of SEQ. ID NOs: 1, 2, 3, 8 or the nucleic acid molecule TGATCA .